

[Substitute for form 1449A/PTO]

[Complete if Known]

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**Application Number:** 60/425,804  
**Filing Date:** November 12, 2002  
**First Named Inventor:** Boatman, et al.  
**Group Art Unit:**  
**Examiner Name:**  
**Attorney Docket No.:** SOF153/143706

Page 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	U. S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines Where Relevant Figures Appear
		Number/ Kind	Code			
		2,895,300		Hayward	7/22/53	
		2,882,536		Jordan	12/29/55	
		3,155,069		Ross, et al.	8/13/63	
		3,354,479		Koppenol, et al.	12/15/65	
		3,380,091		Saurin, et al.	1/10/66	
		3,726,247		Dalzell	4/10/73	
		3,783,816		de Chassy, et al.	1/8/74	
		3,899,990		Lecomte	8/19/75	
		3,908,212		van Heijst	9/30/75	
		4,029,039		van Heijst	6/14/77	
		4,088,089		Flory	5/9/78	
		4,182,389		Guillaume, et al.	1/8/80	
		4,309,955		Kentosh	1/12/82	
		4,351,260		Tuson, et al.	9/28/82	
		4,352,596		Hammitt	10/5/82	
		4,406,636		van Heijst, et al.	9/27/83	
		4,490,121		Coppens, et al.	12/25/84	

**Examiner**  
**Signature:**

**Date**  
**Considered:**

\***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.** Assistant Commissioner for Patents, Washington, D.C. 20231.

Please type a plus (+) inside this box \_

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

[Substitute for form 1449A/PTO]

[Complete if Known]

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number: 60/425,804  
Filing Date: November 12, 2002  
First Named Inventor: Boatman, et al.  
Group Art Unit:  
Examiner Name:  
Attorney Docket No.: SOF153/143706

Page 2 of 3

		4,516,942		Pedersen	5/14/85	
		4,530,302		Pedersen	7/23/85	
		4,534,740		Poldervaart	8/13/85	
		4,568,295		Poldervaart	2/4/86	
		4,665,856		Pedersen	5/19/87	
		4,669,412		Pollack	6/2/87	
		4,686,924		Poldervaart, et al.	8/18/87	
		4,735,167		White, et al.	4/5/88	
		4,784,079		Poldervaart	11/15/88	
		4,825,797		Poldervaart, et al.	5/2/89	
		4,836,813		Poldervaart	6/6/89	
		4,876,978		O'Nion, et al.	10/31/89	
		4,907,996		Poldervaart	3/31/90	
		4,917,038		Poldervaart, et al.	4/17/90	
		5,816,183		Braud, et al.	10/6/98	
		6,244,920		de Baan	6/12/01	

Examiner

Date

Signature:

Considered:

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.** Assistant Commissioner for Patents, Washington, D.C. 20231.

[Substitute for form 1449A/PTO]

[Complete if Known]

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**Application Number:** 60/425,804  
**Filing Date:** November 12, 2002  
**First Named Inventor:** Boatman, et al.  
**Group Art Unit:**  
**Examiner Name:**  
**Attorney Docket No.:** SOF153/143706

Page 3 of 3

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines Where Relevant Figures Appear	T2
		Office/Number/Kind Code						
		FR	7808760		Entreprise D'Equipements Mechaniques Et Hydrauliques ENG	3/24/78		
		GB	2 019 800		Tuson, et al.	3/22/79		
		EP	0 049 549		van Heijst	10/01/81		
		CA	2,216,047		Vessel with a Disconnectable Riser Supporting Buoy	9/20/96		
		CA	2,216, 181		Vessel having Quick Disconnect Means, and Disconnect Means for use in such a Vessel	9/20/96		
		EP	0 947 464		Pollack	4/1/98		

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when applicable), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	T2

**Examiner**  
**Signature:**

**Date**  
**Considered:**

\***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.** Assistant Commissioner for Patents, Washington, D.C. 20231.